



# Holmes HEH8031 Thermostat Replacement

This guide shows step by step instructions for replacement of the thermostat assembly in the Holmes HEH8031 heater.

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## INTRODUCTION

This guide shows step by step instructions for replacement of the thermostat assembly in the Holmes HEH8031 heater.



### TOOLS:

- [Phillips #2 Screwdriver](#) (1)
- [Soldering Station](#) (1)
- [Desoldering Braid](#) (1)



### PARTS:

- [Replacment Thermostat](#) (1)
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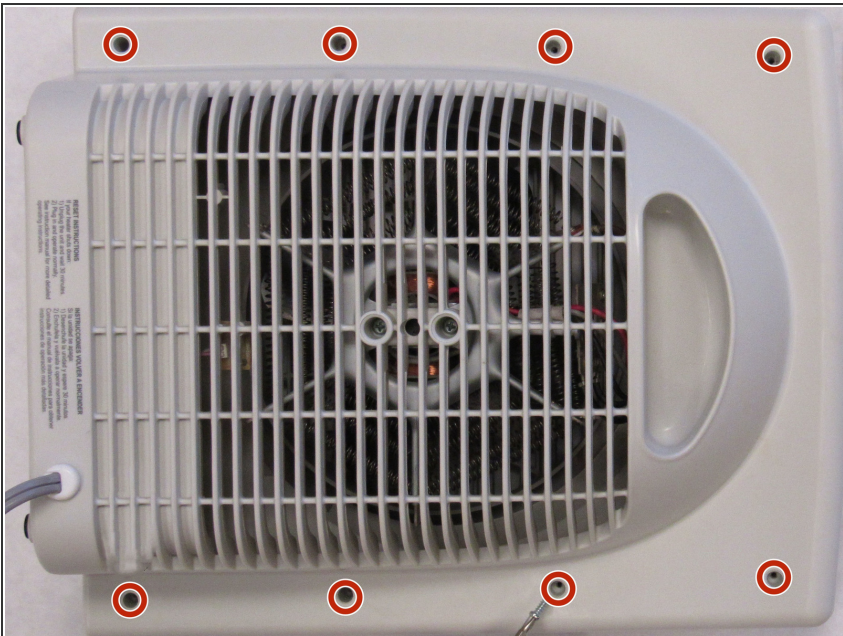


## Step 1 — Housing



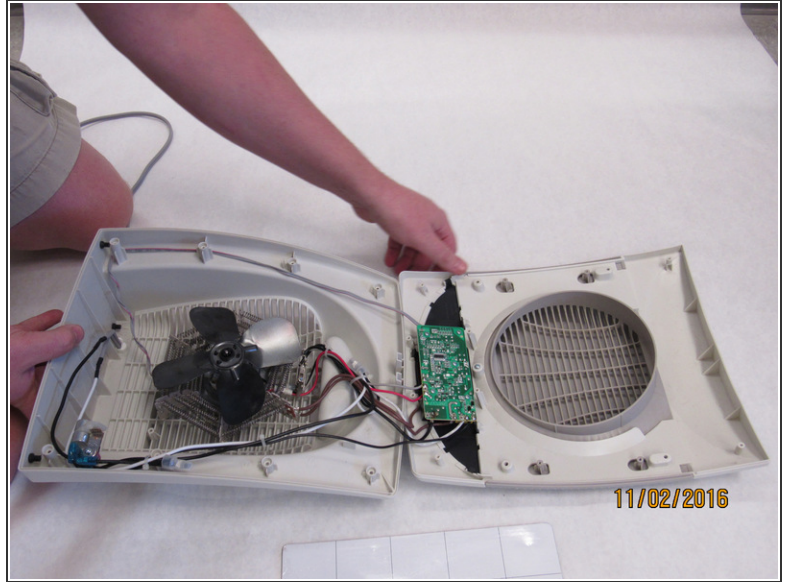
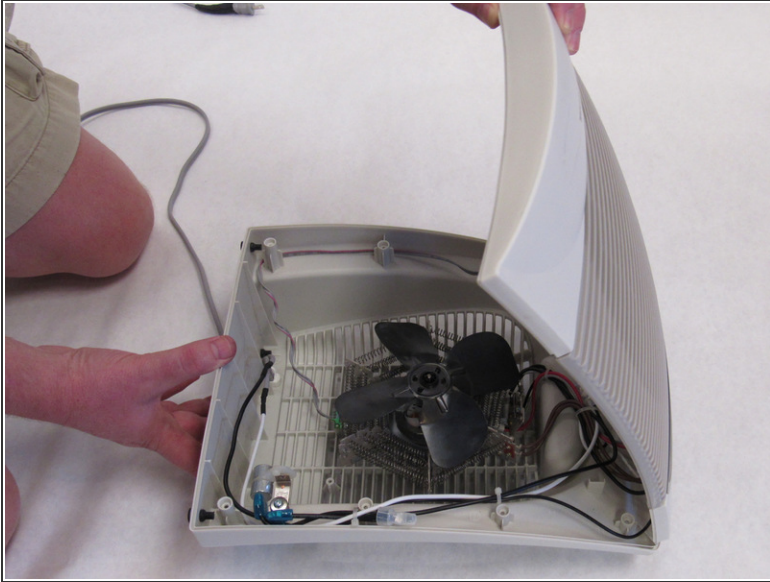
- Ensure the device is unplugged from the wall outlet.

## Step 2



- Remove eight 12-mm Phillips #2 screws from the back cover.

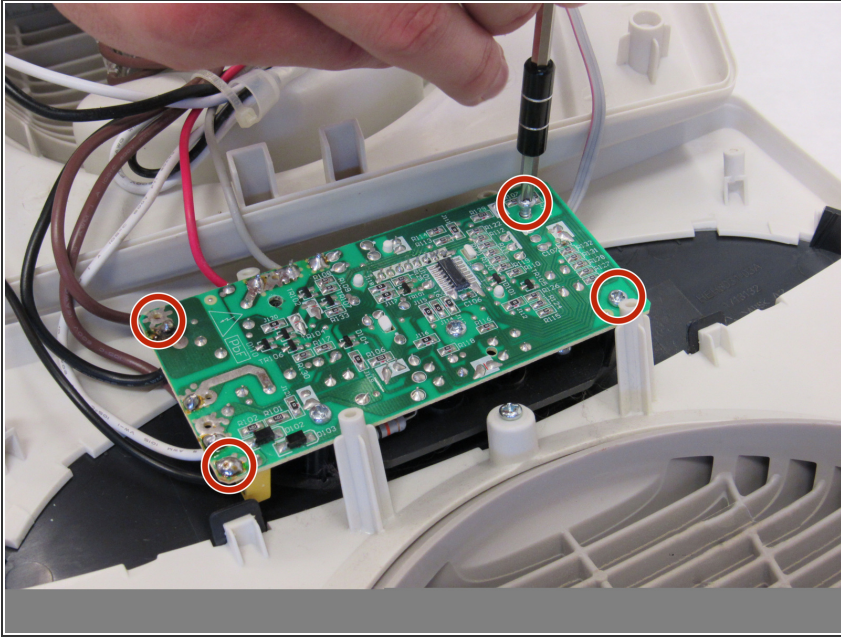
## Step 3



- Turn heater over so the controls are facing up.
- Lift the front housing away from the back of the fan and slowly fold the front housing back down to the floor.
- ⓘ Internal wires are connected to both halves of the housing. Be careful when separating the housing.



## Step 4 — Circuit Board Removal



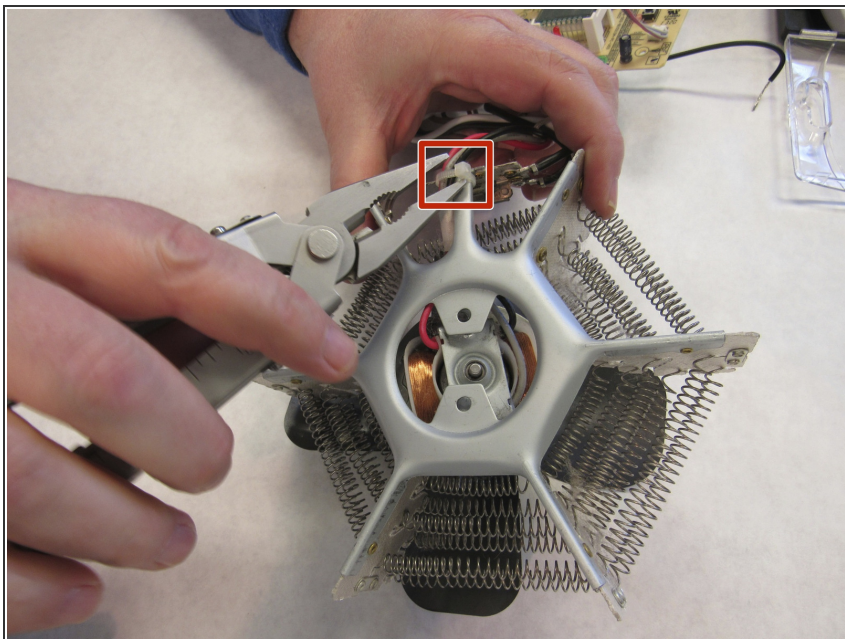
- Remove four 12mm Phillips #2 screws from the circuit board.

## Step 5 — Fan



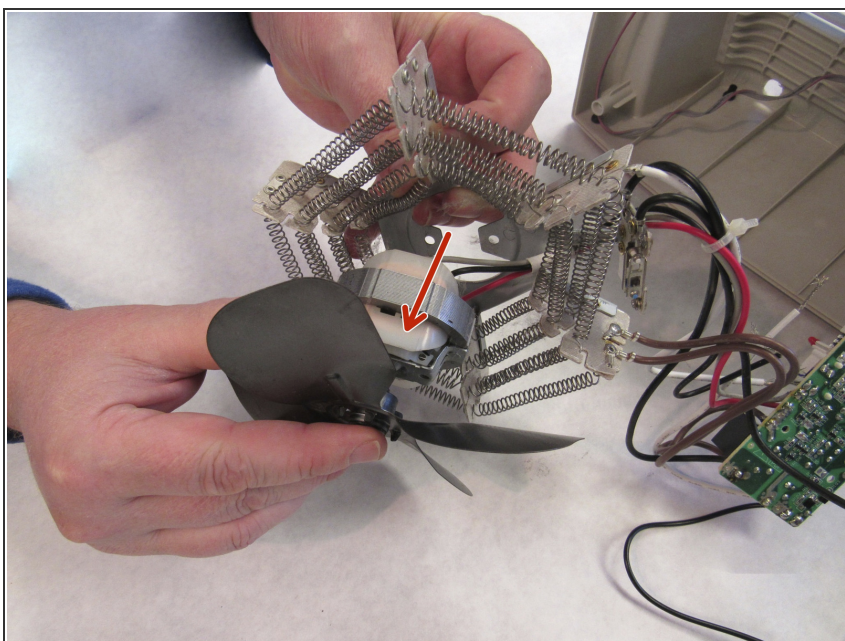
- Remove two Phillips #2 12mm screws from housing

## Step 6



- Remove zip tie from wire with pliers

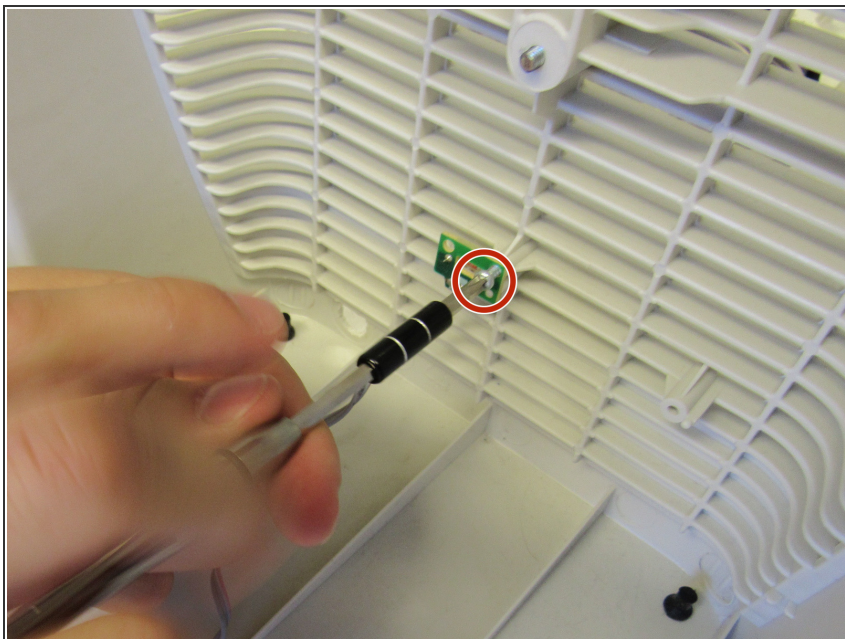
## Step 7



- Separate fan assembly from heating coil

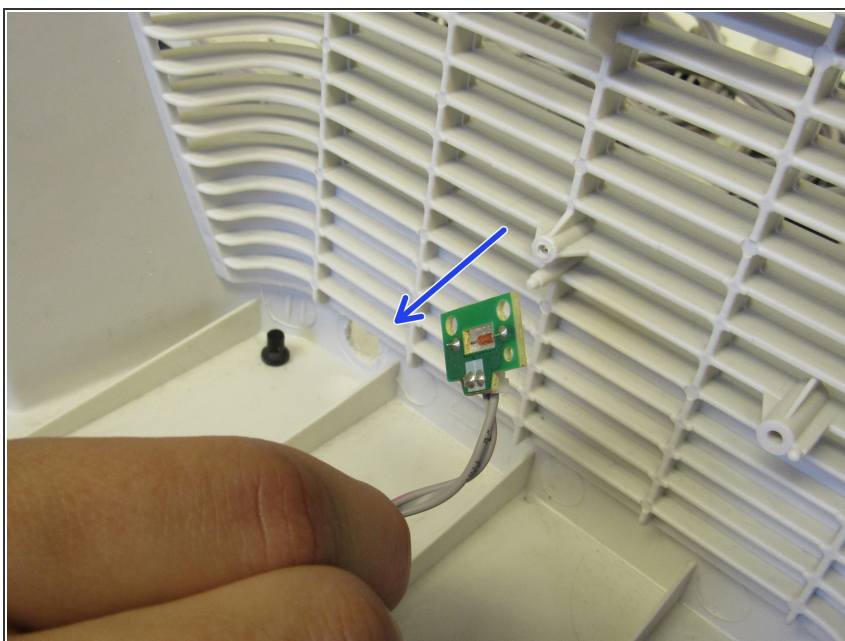


## Step 8 — Thermostat

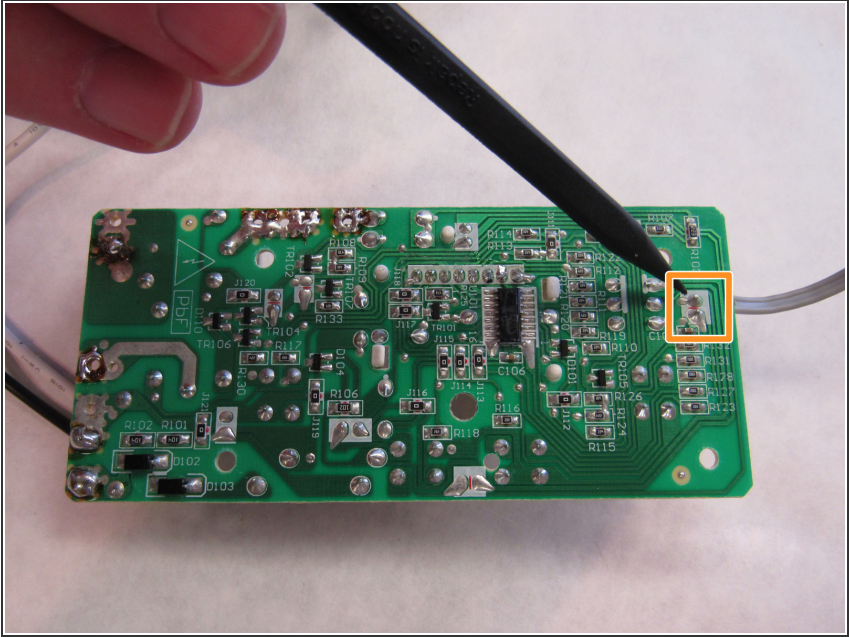


- Remove 1 Phillips #2 screw


## Step 9



- Remove thermostat from rear housing



- remove solder from thermostat wire on circuit board

 Soldering iron will be hot

To reassemble your device, follow these instructions in reverse order.

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